EXPERIMENTAL ROPE INFORMATION SHEET

CONTACT INFORMATION

Name: _____ Phone: _____

Address: _____ Email: _____

_____

Harbor: _____ Home Zone: _____ Fishing zone(s): _____

Boat Name: _____ Boat Length: _____ Horse Power: _____

TRAP INFORMATION

Trap Type: (wood, wire) _____ Trap Size: L _____ W_____ H_____

Total Weight in Trap: _____ Type and Number of Weights in Trap: _____

Placement of Weights in Trap: _____

EXPERIMENTAL GROUNDLINE INFORMATION

Groundline type (Neaq sink or DMR Brand name)_____ Diameter of groundline: _____

Total Length of Groundline: _____ # traps on groundline:_____ Distance between traps on groundline: _____

How are traps attached to groundline? (gangion, tailors, etc) _____

Gangion (or tailor) Type (sink, poly, etc) : _____ Gangion (or tailor) Diameter: _____ Gangion (or tailor) Length: _____

Are gangions attached with knots or splices (please describe): _____

Bridle Type (sink, poly, combo): _____ Diameter of Bridle Rope: _____ Length of Bridle: _____

Distance from bridle to where the groundline attaches to endline? _____

EXPERIMENTAL ENDLINE INFORMATION

Endline Type (DMR brand or NEAQ Weak)_____ Diameter of Endline: _____

Total Length of Endline: _____ Composition of Endline: % poly, sink, etc (if combined with other rope): _____

Toggles on buoy line (# and size)_____ Buoy type and size: _____

How are buoys attached to endline (weak link, hogrings, splices, knots)? _____

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<u>Please draw a diagram of how your gear is set on bottom</u>. Be sure to show how the endline is connected to the groundline, bridle/gangion/tailor configuration (position on trap, length, size, etc), anchors, show location of knots and/or splices in rope, and other information relevant to how your gear is configured. (see sample sheet for further instruction)

Please draw a diagram of your Surface Buoy system: Be sure to show the buoy configuration starting with the surface buoy, including toggles, knots, splices, polyball/highflier, attachment of buoy to endline, and the composition of endline (% poly vs sink rope), and other relevant information. (see sample sheet for further instruction)

Do you have any comments or suggestions?

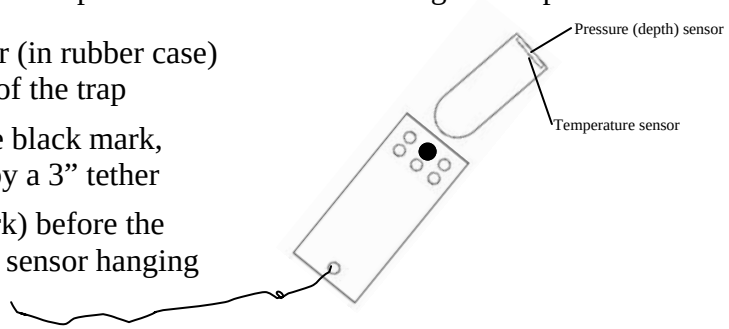
Placement of Pressure Sensors on Lobster Gear

All probes must be placed into rubber casings with the spherical end of probe down towards the closed end of casing where twine is attached. The sensors are located on the bottom (flat) end of the probe and should not come into contact with any objects so water can flow freely over sensors. The plastic pin should be secured through the top set of holes.

<u>On Traps</u>: Use a cable tie (zip tie) to secure the sensor (in rubber case) onto the bottom of the bridle in the center of the trap

<u>On Groundlines</u>: Splice twine into rope up to the edge of the black mark, leaving the sensor hanging from the rope by a 3" tether

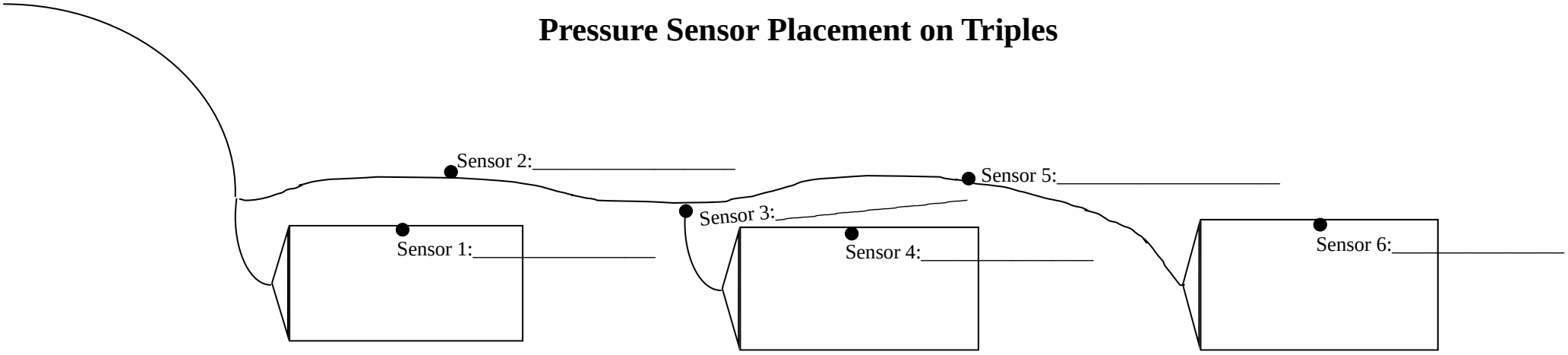
<u>On Gangions</u>: Splice twine into rope (up to the black mark) before the gangion meets the groundline, leaving the sensor hanging from the rope by a 3" tether



Record the sensor number on the line corresponding to where it is placed on the gear during the deployment. Record statistical area and site # of deployment.

Complete information on rope type and location on the back side of this page

Pressure Sensor Placement on Triples



Rope Deployment #:

_____

Sensor 1: place in the center of the first trap (at the buoy end) and attach under the bridge
Sensor 2: place in the center of the groundline between first two traps
Sensor 3: place at the end of the gangion before it meets the groundline (for the second trap)
Sensor 4: place in the center of the second trap and attach under the bridge
Sensor 5: place in the center of the groundline between last two traps
Sensor 6: place in the center of the third trap and attach under the bridge

Experimental Groundline Daily Logsheet

Name: _____ **Rope Deployment #:** _____

Rope Type (circle one): **low profile** **sink rope** **float rope**

Rope Brand / Color): _____

Date Hauled	**Location** (include symbols such as decimal points, degrees, minutes, seconds) **Lat / TD1**	**Long / TD2**	**Depth** *(Fathoms)*	**Bottom Type** *(ledge, rocky, cobble, gravel, mud, sand, mixed (please define))*	**Sea State** (flat, choppy, rough, other)	**Weather** (sunny, foggy, drizzle, rain, snow, other)	**Wind Direction & Speed** *(knots)*	**Orientation of Set** (with the tide, across the tide, against the tide, slack)	**Set Speed** (knots or mph)	**Unit of Set Speed** (SOG or STW)	**Comments**

Experimental Rope Gear Handling Assessment

If you fished more than one type of experimental rope, please fill out a separate sheet for each rope type

How was the rope fished?

Name: _____

Experimental Rope Type: _____
NEAq sink (light grey), Hyliner lopro (silver/grey with red tracer), Other (please name

How was gear fished? (pairs, triples, trawls, etc): _____

How many sets of gear was the rope fished on? _____

Amount of rope fished *(total length for all sets in Fathoms)***?** _____

General Location/Area Fished: _____

Depth Range Fished *(in Fathom)***:** _____

Typical Bottom Type Fished: _____
average % of time on bottom types: ledge, rocky, cobble, gravel, mud, sand, mixed (please defin

During Which Months was the Rope Fished: _____

Estimated Number of Times Rope was Hauled: _____

Number of Hauls

Place a tick mark each time the rope is hauled.
If you have rope deployed on multiple sets of gear, place a tick mark each time you haul through the gear.

How did you like the rope?

Please rate the rope on the following characteristics on a scale of 1 to 5 by circling the number that best describes the performance of the rope.

1 (terrible) = hard to imagine a worse rope; **2 (poor)** = worse than most ropes I have used in the past; **3 (average)** = as good as most ropes I have used in the past; **4 (good)** = fishes better than most ropes I have used in the past; **5 (excellent)** = hard to imagine a better rope for what I used it for.

Scale: 1 = terrible 2 = poor 3 = average 4 = good 5 = excellent						**Comments**
Fouling	1	2	3	4	5	
Chafing	1	2	3	4	5	
Hangups	1	2	3	4	5	
Noise	1	2	3	4	5	
Kinking	1	2	3	4	5	
General Durability	1	2	3	4	5	
General Handling	1	2	3	4	5	

Any Other Comments *(please note anything signficant while rope was being fished):* _____

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